

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

Natural Gas Pipeline Company of America LLC

AUTHORIZING THE OPERATION OF

Compressor Station 300
Natural Gas Transmission

LOCATED AT

Victoria County, Texas

Latitude 28° 41' 08" Longitude 096° 55' 18"

Regulated Entity Number: RN100220805

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O3064 Issuance Date:

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions: Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

- C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

- A. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- B. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
 - (iii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
 - (iv) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

Additional Monitoring Requirements

- 5. The permit holder shall comply with the periodic monitoring requirements as specified in the attached “Periodic Monitoring Summary” upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the “Periodic Monitoring Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular

instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

6. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
7. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
8. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, material safety data sheets (MSDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144.
 - A. If applicable, monitoring of control device performance or general work practice standards shall be made in accordance with the TCEQ Periodic Monitoring Guidance document.
 - B. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

9. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but

not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

10. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

Protection of Stratospheric Ozone

11. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone.
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are

performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

- B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.

Permit Location

- 12. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

- 13. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
BLOWDOWN	Emission Points/Stationary Vents/Process Vents	N/A	R1111-4	30 TAC Chapter 111, Visible Emissions	No changing attributes.
BLOWDOWN	Emission Points/Stationary Vents/Process Vents	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
CE-1	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
CE-4	Emission Points/Stationary Vents/Process Vents	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EMERGEN	Emission Points/Stationary Vents/Process Vents	N/A	R1111-6	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPTNK	Emission Points/Stationary Vents/Process Vents	DRIP-2, DRIP-3, DRIP-4, ENGH ₂ O, JWTRNF, LUBE-1, LUBE-2, LUBE-3, RECLMOIL, SOLVENT, WOILH ₂ O-1, WOILH ₂ O-4	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PUMP-1	Emission Points/Stationary Vents/Process Vents	N/A	R1111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
LOAD-10	Loading/Unloading	N/A	R5211-9	30 TAC Chapter 115,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	Operations			Loading and Unloading of VOC	
LOAD-11	Loading/Unloading Operations	N/A	R5211-10	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOAD-2	Loading/Unloading Operations	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOAD-3	Loading/Unloading Operations	N/A	R5211-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOAD-4	Loading/Unloading Operations	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOAD-5	Loading/Unloading Operations	N/A	R5211-4	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOAD-6	Loading/Unloading Operations	N/A	R5211-5	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOAD-7	Loading/Unloading Operations	N/A	R5211-6	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOAD-8	Loading/Unloading Operations	N/A	R5211-7	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
LOAD-9	Loading/Unloading Operations	N/A	R5211-8	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
CE-1	Stationary Reciprocating Int. Comb Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
CE-4	Stationary Reciprocating Int. Comb Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
EMERGEN	Stationary Reciprocating Int. Comb Engines	N/A	63ZZZZ-3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PUMP-1	Stationary Reciprocating Int. Comb Engines	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BLOWDOWN	EP	R1111-4	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
BLOWDOWN	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125(2) § 115.125(1) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C) § 115.126(4)	None
CE-1	EP	R1111-1	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
CE-4	EP	R1111-2	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
EMERGEN	EP	R1111-6	OPACITY	30 TAC Chapter 111, Visible	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not	[G]§ 111.111(a)(1)(F) ** See Periodic	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Emissions		exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	Monitoring Summary		
GRPTNK	EP	R1111-3	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
PUMP-1	EP	R1111-5	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
LOAD-10	EU	R5211-9	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
LOAD-11	EU	R5211-10	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3) § 115.216(3)(B)	None
LOAD-2	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(4) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Crude oil, condensate, and liquefied petroleum gas. All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from division, except for the specified requirements.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 115.216 § 115.216(3) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B)	None
LOAD-3	EU	R5211-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(4) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Crude oil, condensate, and liquefied petroleum gas. All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from division, except for the specified requirements.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 115.216 § 115.216(3) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B)	None
LOAD-4	EU	R5211-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3) § 115.216(3)(B)	None
LOAD-5	EU	R5211-4	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.214(b)(1)(D)(i)	true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.			
LOAD-6	EU	R5211-5	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3) § 115.216(3)(B)	None
LOAD-7	EU	R5211-6	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(4) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Crude oil, condensate, and liquefied petroleum gas. All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from division, except for the specified requirements.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 115.216 § 115.216(3) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B)	None
LOAD-8	EU	R5211-7	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3) § 115.216(3)(B)	None
LOAD-9	EU	R5211-8	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CE-1	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a) - Table 2d.8 § 63.6595(a) § 63.6595(a)(1) § 63.6595(c) § 63.6603(f) § 63.6605(a) § 63.6605(b) § 63.6640(a) – Table 6.9.a § 63.6665	Non-emergency, non-black start 4SLB remote stationary RICE >500 HP must comply with the requirements as specified in Table 2d.8.a-c.	§ 63.6625(h) § 63.6625(j) § 63.6640(a) - Table 6.9.a	§ 63.6625(j) § 63.6655(a) § 63.6655(a)(5) § 63.6655(e) § 63.6655(e)(3) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6645(a) § 63.6645(a)(2) § 63.6645(a)(5)
CE-4	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a) - Table 2d.8 § 63.6595(a) § 63.6595(a)(1) § 63.6595(c) § 63.6603(f) § 63.6605(a) § 63.6605(b) § 63.6640(a) – Table 6.9.a § 63.6665	Non-emergency, non-black start 4SLB remote stationary RICE >500 HP must comply with the requirements as specified in Table 2d.8.a-c.	§ 63.6625(h) § 63.6625(j) § 63.6640(a) - Table 6.9.a	§ 63.6625(j) § 63.6655(a) § 63.6655(a)(5) § 63.6655(e) § 63.6655(e)(3) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6645(a) § 63.6645(a)(2) § 63.6645(a)(5)
EMERGEN	EU	63ZZZZ-3	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a) - Table 2d.5 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(e)(3) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4)	For emergency stationary SI RICE; black start stationary SI RICE; non-emergency, non-black start 4SLB stationary RICE >500 HP that operate 24 hours or less per calendar year; non-emergency, non-black start 4SRB stationary RICE >500 HP that operate 24 hours or less per calendar year, you must comply with the requirements as specified in Table 2d.5.a-c.	§ 63.6625(f) § 63.6625(j) § 63.6640(a) - Table 6.9.a.i § 63.6640(a) - Table 6.9.a.ii	§ 63.6625(j) § 63.6655(d) § 63.6655(e) § 63.6655(e)(2) § 63.6655(e)(3) § 63.6655(f) § 63.6655(f)(2) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PUMP-1	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a) - Table 2d.5 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(e)(3) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4)	For emergency stationary SI RICE; black start stationary SI RICE; non-emergency, non-black start 4SLB stationary RICE >500 HP that operate 24 hours or less per calendar year; non-emergency, non-black start 4SRB stationary RICE >500 HP that operate 24 hours or less per calendar year, you must comply with the requirements as specified in Table 2d.5.a-c.	§ 63.6625(f) § 63.6625(j) § 63.6640(a) - Table 6.9.a.i § 63.6640(a) - Table 6.9.a.ii	§ 63.6625(j) § 63.6655(d) § 63.6655(e) § 63.6655(e)(2) § 63.6655(e)(3) § 63.6655(f) § 63.6655(f)(2) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Additional Monitoring Requirements

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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: CE-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Quarterly	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions shall be reported as a deviation	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: CE-4	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Quarterly	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions shall be reported as a deviation	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: EMERGEN	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-6
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Quarterly	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions shall be reported as a deviation	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PUMP-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-5
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Quarterly	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions shall be reported as a deviation	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation.</p>	

Permit Shield

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Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
DEGREASER	N/A	30 TAC Chapter 115, Degreasing Processes	Solvent does not contain VOCs
DEGREASER	N/A	40 CFR Part 63, Subpart T	Solvent does not contain halogenated compounds
DRIP-2	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 210,000 gallons prior to custody transfer.
DRIP-2	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
DRIP-2	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
DRIP-2	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
DRIP-3	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 210,000 gallons prior to custody transfer.
DRIP-3	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
DRIP-3	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
DRIP-3	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
DRIP-4	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 210,000 gallons prior to custody transfer.
DRIP-4	N/A	40 CFR Part 60, Subpart K	Capacity < 210,000 gallons prior to custody transfer
DRIP-4	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
DRIP-4	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
FUG	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Site is not part of a refinery
SOLVENT	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons.
SOLVENT	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
SOLVENT	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
SOLVENT	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
CE-1	N/A	30 TAC Chapter 117, Subchapter B	The unit is not located in an ozone non-attainment area.
CE-1	N/A	40 CFR Part 60, Subpart JJJJ	The unit was constructed prior to June 12, 2006.
CE-4	N/A	30 TAC Chapter 117, Subchapter B	The unit is not located in an ozone non-attainment area.
CE-4	N/A	40 CFR Part 60, Subpart JJJJ	The unit was constructed prior to June 12, 2006.
EMERGEN	N/A	30 TAC Chapter 117, Subchapter B	The unit is not located in an ozone non-attainment area.
EMERGEN	N/A	40 CFR Part 60, Subpart JJJJ	The unit was constructed prior to June 12, 2006.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
PUMP-1	N/A	30 TAC Chapter 117, Subchapter B	The unit is not located in an ozone non-attainment area.
PUMP-1	N/A	40 CFR Part 60, Subpart JJJJ	The unit was constructed prior to June 12, 2006.
ENGH2O	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
ENGH2O	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
ENGH2O	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
JWTRNF	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
JWTRNF	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
JWTRNF	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
LUBE-1	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
LUBE-1	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
LUBE-1	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
LUBE-2	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
LUBE-2	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
LUBE-2	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
LUBE-3	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallon.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
LUBE-3	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallon.
LUBE-3	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
RECLMOIL	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallon.
RECLMOIL	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallon.
RECLMOIL	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
WOILH ₂ O-1	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
WOILH ₂ O-1	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
WOILH ₂ O-1	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
WOILH ₂ O-4	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
WOILH ₂ O-4	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
WOILH ₂ O-4	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.

New Source Review Authorization References

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New Source Review Authorization References by Emission Unit.....30

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 55780	Issuance Date: 07/29/2005
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.263	Version No./Date: 03/14/1997
Number: 106.263	Version No./Date: 09/04/2000
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.355	Version No./Date: 11/01/2001
Number: 106.359	Version No./Date: 09/10/2013
Number: 5	Version No./Date: 03/15/1985
Number: 7	Version No./Date: 05/08/1972
Number: 51	Version No./Date: 09/12/1989
Number: 53	Version No./Date: 11/05/1986
Number: 53	Version No./Date: 09/12/1989
Number: 58	Version No./Date: 05/08/1972
Number: 66	Version No./Date: 11/05/1986
Number: 70	Version No./Date: 05/08/1972
Number: 86	Version No./Date: 09/12/1989
Number: 106	Version No./Date: 06/07/1996
Number: 107	Version No./Date: 09/12/1989

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
BLOWDOWN	STATION BLOWDOWN OPERATIONS	66/11/05/1986
CE-1	COMPRESSOR ENGINE NO. 1	55780
CE-4	COMPRESSOR ENGINE NO. 2	55780
DEGREASER	SOLVENT DEGREASING MACHINE	107/09/12/1989
DRIP-2	CONDENSATE TANK NO. 2	53/11/05/1986
DRIP-3	CONDENSATE TANK NO. 3	53/09/12/1989
DRIP-4	CONDENSATE TANK NO. 4	53/11/05/1986
EMERGEN	EMERGENCY GENERATOR	5/03/15/1985
ENGH2O	ENGINE WATER TANK	70/05/08/1972
FUG	SITE FUGITIVE EQUIPMENT	106/06/07/1996
JWTRNF	JACKET WATER TANK	86/09/12/1989
LOAD-10	LUBE OIL TRUCK LOADING #3	58/05/08/1972
LOAD-11	SOLVENT TANK LOADING OPERATIONS	53/09/12/1989
LOAD-2	CONDENSATE TRUCK LOADING NO. 1	53/11/05/1986
LOAD-3	CONDENSATE TRUCK LOADING NO. 2	53/09/12/1989
LOAD-4	WASTE OIL TRUCK LOADING	51/09/12/1989
LOAD-5	WASTE OIL/WATER TRUCK LOADING NO. 1	58/05/08/1972
LOAD-6	WASTE OIL/WATER TRUCK LOADING NO. 2	53/09/12/1989

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
LOAD-7	CONDENSATE TRUCK LOADING NO. 3	53/11/05/1986
LOAD-8	LUBE OIL TRUCK LOADING #1	58/05/08/1972
LOAD-9	LUBE OIL TRUCK LOADING #2	58/05/08/1972
LUBE-1	LUBE OIL TANK NO. 1	58/05/08/1972
LUBE-2	LUBE OIL TANK NO. 2	58/05/08/1972
LUBE-3	LUBE OIL TANK NO. 3	58/05/08/1972
PUMP-1	FIRE WATER PUMP	7/05/08/1972
RECLMOIL	WASTE OIL TANK	51/09/12/1989
SOLVENT	SOLVENT TANK	53/09/12/1989
WOILH ₂ O-1	WASTE OIL/WATER TANK NO. 1	58/05/08/1972
WOILH ₂ O-4	WASTE OIL/WATER TANK NO. 2	53/09/12/1989

Appendix A

Acronym List	33
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Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
COMS	continuous opacity monitoring system
CVS	closed-vent system
D/FW	Dallas/Fort Worth (nonattainment area)
DR	Designated Representative
ELP	El Paso (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
GF	grandfathered
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MMBtu/hr	Million British thermal units per hour
MRRT	monitoring, recordkeeping, reporting, and testing
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PM	particulate matter
ppmv	parts per million by volume
PSD	prevention of significant deterioration
RO	Responsible Official
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound